AMENDMENTS TO THE CLAIMS

- 1. (Previously Amended) A method for use by a storage switch in a storage network, the method comprising:
- (a) receiving a plurality of packets by the switch, wherein the plurality of packets includes data packets and non-data packets;
 - (b) classifying packets as data packets or non-data packets;
- (c) communicating the non-data packets to a first device and the data packets to a second device, and

wherein said steps (a) - (c) are performed without buffering.

- 2. (Original) The method of claim 1, wherein the data packets form a data request, wherein the data request includes at least some of the group including a read command, a write command, a ready-for-transfer indicator, read data, write data, and a response indicator.
- 3. (Currently Amended) The method of claim 2, wherein a ready-for-transfer indicator is either an R2T PDU or and FCP_XFR_RDY IU.
 - 4. (Original) The method of claim 1, wherein the first device is a CPU.
- 5. (Original) The method of claim 1, wherein the first device and the second device are both included in the switch.
- 6. (Original) The method of claim 1, wherein the second device is a packet processing unit.
 - 7. (Original) The method of claim 1, wherein the second device is a fabric.

- 8. (Original) The method of claim 1, wherein the second device is external to the switch.
- 9. (Original) The method of claim 1, wherein data packets include those packets that are for an established connection, that are for a recognized protocol, and that are data moving packets.
- 10. (Original) The method of claim 9, wherein data moving packets include any group of at least one packet that forms any one of a read command, a write command, a ready-for-transfer indicator, write data, read data, or a response indicator.
- 11. (Original) The method of claim 1, wherein the step of communicating includes utilizing a local header for the packet, wherein the local header includes information indicating if the packet is a data packet or a non-data packet.
- 12. (Original) The method of claim 1, wherein prior to communicating the data packets to a second device, processing the data packets in accordance with a virtualization function.
- 13. (Previously Amended) The method of claim 1, wherein steps (a) (c) are performed by said switch.
- 14. (Previously Amended) The method of claim 1, wherein steps (a) (c) are performed at wire speed.
- 15. (Previously Amended) The method of claim 1, wherein steps (a) (c) are performed by a storage processor in the switch.

- 16. (Previously Amended) A method for use by a storage switch in a storage network, the method comprising:
 - (a) receiving a plurality of packets by the switch;
 - (b) classifying the packets into non-data packets and data packets;
- (c) communicating to a CPU only those packets classified as non-data packets; and

wherein steps (a) - (c) are performed without buffering.

- 17. (Original) The method of claim 16, wherein the data packets form a data request, wherein the data request includes at least some of the group including a read command, a write command, a ready-for-transfer indicator, read data, write data, and a response indicator.
- 18. (Original) The method of claim 16, wherein data packets include those packets that are for an established connection, that are for a recognized protocol, and that are data moving packets.
- 19. (Original) The method of claim 18, wherein data moving packets include any group of at least one packet that forms any one of a read command, a write command, a ready-for-transfer indicator, write data, read data, or a response indicator.
- 20. (Original) The method of claim 16, further including communicating to a second device those packets classified as data packets.
- 21. (Original) The method of claim 20, further including, prior to communicating data packets to a second device, processing the data packets in accordance with a virtualization function.

- 22. (Original) The method of claim 16, wherein steps (a) (c) are performed at wire speed.
- 23. (Original) The method of claim 16, wherein steps (a) (c) are performed by a storage processor in the switch.
- 24. (Previously Amended) A method for use in a storage network, the method comprising:
- (a) receiving a plurality of packets by a linecard of a storage switch in the network;
- (b) identifying, by an identifier unit on the linecard, each packet as a data packet or a non-data packet;
 - (c) communicating non-data packets to a CPU on the linecard;
- (d) communicating data packets to a second device for further processing; and

wherein steps (a) - (d) are performed without buffering.

25. (Original) The method of claim 24, wherein:

the plurality of packets form a plurality of requests; and

identifying includes identifying packets as part of a data request or not part of a data request, wherein the data request includes at least some of the group including a read command, a write command, a ready-for-transfer indicator, read data, write data, and a response indicator.

- 26. (Original) The method of claim 24, wherein the second device is on the linecard.
- 27. (Original) The method of claim 24, wherein the second device is external to the linecard.

- 28. (Original) The method of claim 24, further including, prior to communicating data packets to a second device, processing the data packets in accordance with a virtualization function.
- 29. (Original) The method of claim 24, wherein the identifier unit is a storage processor unit.
- 30. (Original) The method of claim 24, wherein steps (a) (d) are performed at wire speed.
 - 31 43 (Withdrawn)
- 44. (Original) A linecard for use in a storage network, the linecard comprising:
 - a CPU;
- a classifier, the classifier coupled to the CPU, the classifier designed to communicate, without buffering, non-data packets to the CPU and data packets to a second device.
- 45. (Original) The linecard of claim 44, wherein the second device is on the linecard.
- 46. (Original) The linecard of claim 44, wherein the second device is external to the linecard.
- 47. (Original) The linecard of claim 44, wherein data packets include those packets that are for an established connection, that are for a recognized protocol, and that are data moving packets.

- 48. (Original) The linecard of claim 44, wherein the classifier is designed to insert into a local header an indicator of whether the packet is a data or a non-data packet.
- 49. (Original) The linecard of claim 44, wherein the classifier is a storage processor unit.
 - 50. (Original) A switch for use in a storage network, the switch comprising: a linecard, comprising:

a first device;

classification means for classifying packets into control packets and data packets and communicating control packets to the first device and communicating data packets to a second device, all without buffering.

- 51. (Original) The switch of claim 50, wherein the second device is on the linecard.
- 52. (Original) The switch of claim 50, wherein the second device is external to the linecard.
- 53. (Original) The switch of claim 50, wherein the classification means classifies a packet as a data packet if the packet is for an established connection with a device external to the switch, is for a recognized protocol, and is a data moving packet, and otherwise the classification means classifies the packet as a control packet, wherein the data moving packet includes any one of a read command, a write command, a ready-for-transfer indicator, write data, read data, and a response indicator.

54 - 63 (Withdrawn)